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SOURCE Newspapers as indicated.

CONSTRUCTS AUTOMATIC DUMP FREIGHT CAR;
SOVIET MACHINERY USED IN POLISH COAL MINING

PROTOTYPE TESTED, APPROVED -- Warsaw, Trybuna Ludu, 20 Jul 50

Engr Mieczyslaw Radwan, a well-known Polish mechanic, recently constructed a new type of an automatic dump freight car which is suitable for transporting bulk commodities such as coal, sand, gravel, etc. The first prototype of the automatic dump freight car has already been tested and approved by a commission of experts. Mass production of this type of freight car is feasible.

USE DONBASS COMBINES IN POLAND -- Warsaw, Przyjazn, 27 Aug 50

Soviet coal cutters and coal loaders, known as "duck's bill," and Donbass combines which not only cut the coal from the face but also crush the coal and load it onto conveyers were used in the Polish coal mines in 1950.

Soviet loaders S.153, universal coal cutters, scraper conveyers which mechanize the loading at the coal face, Model STR 30 heavy conveyers, and Model ST 2.11 light conveyers are widely used in the Polish coal-mining industry.

Progress in mechanizing Polish mines must also have the strong backing of the domestic mining machinery industry. The production of this industry will increase during the Six-Year Plan by 20 percent. Poland will produce Donbasses, "ducks' bills," and other necessary machinery for the mining industry from blueprints, models, and other documents supplied by the USSR.

CHORZOW POWER PLANT ACTIVATES FIRST ELECTROSTATIC SMOKE FILTER -- Dusseldorf, Slowo Polskie, 24 Sep 50

The first electrostatic smoke filter in Poland has been activated in the Chorzow Power Plant. This filter was designed and built by Polish technicians under the direction of Engr Eugeniusz Lopuszynski and Engr Wladyslaw Koszulinski, director of the enterprise. Work was started in June 1949.

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The filter removes 92 percent of the suspended particles of dust and soot, or 54 tons daily. It is capable of removing particles as small as 2 microns in diameter. The tower of the filter measures 39.5 meters from the floor of the boiler room.

WARSAW GASWORKS RECEIVES 2 NEW GENERATORS -- Warsaw, Trybuna Ludu, 13 Jul 50

On 22 July 1950, two new generators, purchased in Czechoslovakia, will start operating at the Warsaw Gasworks. Major repairs can now be made on the old gas plant because of these new installations. After repairs have been completed on the old gas plant, the Warsaw Gasworks will be able to increase its gas production by more than 150 percent. Gas production will now be sufficient to supply the needs of Warsaw proper and the suburban areas of Muranow, Mokotow, Kolo, Praga, Targowek, and Brodno.

Engineers Suchowierski, Kwiatkowski. Lange, Sikorski, Roguski, and Ciechomski of Mostostal worked on the project in cooperation with the Czechoslovak engineer, Weinlich.

STOMIL PREPARES TO STEP UP PRODUCTION -- Katowice, Pracownik Chemiczny, Apr 50

To honor May Day, the workers of the Stomil Plant pledged to: (1) make, assemble, and put in operation a new piston for the two-step compressor of 80 cubic meter capacity, (2) dismantle the 2,500-liter-per-minute pump assembly, replace the cracked foundation with a new one, and recondition the engine bearings for the pump without disrupting production, since this pump, with a displacement of 5,000 liters per minute, is the plant's only source of water supply for production purposes, and (3) construct a drum to speed up the start of tractor tire production.

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